Assessment of ICMM member companies in RMI Report 2022 with respect to ICMM Performance Expectations

May 2022 – Updated: 18/05/2022

OVERVIEW

Introduction

There is considerable overlap between the scope of ICMM's Performance Expectations for its member companies and that of the RMI Reports of the Responsible Mining Foundation.

The RMI Report 2022 is an independent evidence-based assessment of 40 large mining companies' policies and practices on economic, environmental, social and governance issues. It measures company performance on aspects of all ten ICMM Performance Expectations. Eighteen ICMM member companies are included in the assessment.

This brief provides the results for these 18 companies against RMI indicators that can serve as proxy indicators, based on public domain data, for the level of implementation and effective performance on ICMM's Performance Expectations.

ICMM member companies assessed in RMI Report 2022

Anglo American	CODELCO	Newmont
AngloGold Ashanti	Freeport-McMoRan	Orano
Antofagasta	Glencore	Rio Tinto
Barrick	Gold Fields	Sibanye-Stillwater
BHP	MMG	Teck
Boliden	Newcrest	Vale

Observations

In general the ICMM member companies are among the stronger performers in the RMI Report 2022, which to some degree is evidence of the membership requirements of the organisation. However, though ICMM companies represent some of the biggest and best resourced companies in the world, they are also represented among the weaker performers in all thematic areas.

Based on public domain evidence, company results across the Performance Expectations vary widely, as shown in the table on the following page. While many of the companies have formal commitments in place on the relevant issues, evidence is much weaker on efforts to track and improve performance on these same issues. This is the case for instance on issues such as anti-bribery and corruption and human rights. And evidence of action is still weak on several aspects of one of the key ICMM Performance Expectations – on ESG risk management.

Recommendations

The results presented in this brief show that while some member companies of ICMM are aligning their ESG policies and practices with the ICMM Performance Expectations on some issues, there are still numerous areas where evidence of implementation is weak and where performances are highly variable.

As an incentive for better implementation and disclosure of meaningful information, the recent decision by ICMM to require assessment, validation and reporting of progress on implementation of the ICMM Performance Expectations across all mine sites is a welcome development.

In the interests of credibility and effectiveness, ICMM could consider going further in setting expectations for its members by:

·   Integrating into the Performance Expectations clear requirements for public disclosure of:
    o   mine-site level data, as a means of helping address this persistent gap in accountability and meaningful information sharing;
    o   data on negative impacts as well as positive contributions; and
    o   performance monitoring data (targets and tracking) at the mine site level.
·   Defining more clearly the expectations on Principles 3 and 4, particularly those on human rights, gender, and ESG risk prevention.

In addition, ICMM could enhance the robustness of its validation procedures – and support industry-wide learning – by requiring its member companies to publicly disclose not only the results of the self-assessments/validations but also the evidence behind the results, including evidence at both corporate and asset level.

Resources

All the topics, indicators and metrics are available in the RMI Framework 2022.

The full results of the RMI Report 2022 (40 companies, 250 mine sites) are available at:
https://2022.responsibleminingindex.org/

ANALYSIS

Overview of the results based on RMI Report 2022 per ICMM Principle

Company	ICMM Principles									
	1	2	3	4	5	6	7	8	9	10
Anglo American	72%	79%	56%	45%	64%	60%	50%	8%	57%	100%
AngloGold Ashanti	64%	38%	45%	38%	61%	39%	46%	8%	32%	25%
Antofagasta	61%	29%	23%	12%	58%	42%	21%	8%	18%	100%
Barrick	55%	42%	37%	22%	67%	42%	21%	8%	20%	100%
BHP	61%	50%	42%	29%	47%	44%	59%	0%	25%	100%
Boliden	44%	34%	9%	6%	45%	14%	13%	8%	0%	25%
CODELCO	64%	54%	25%	25%	86%	35%	21%	17%	22%	25%
Freeport-McMoRan	53%	33%	33%	21%	47%	34%	33%	17%	27%	25%
Glencore	56%	59%	41%	22%	67%	40%	25%	17%	25%	100%
Gold Fields	58%	25%	32%	21%	64%	36%	42%	17%	23%	50%
MMG	42%	21%	29%	18%	47%	33%	25%	8%	27%	50%
Newcrest	56%	29%	25%	11%	42%	33%	33%	0%	13%	50%
Newmont	67%	34%	49%	29%	61%	50%	55%	0%	40%	83%
Orano	58%	25%	21%	9%	69%	28%	21%	17%	8%	100%
Rio Tinto	58%	46%	32%	21%	50%	44%	42%	8%	15%	100%
Sibanye-Stillwater	47%	17%	13%	6%	61%	31%	21%	17%	18%	50%
Teck	64%	42%	37%	21%	67%	55%	50%	33%	22%	100%
Vale	72%	25%	34%	18%	61%	39%	33%	17%	17%	25%

The scores expressed in % above are averaged across corresponding indicators in the RMI Report 2022. Full details on an indicator-by-indicator basis are presented hereinafter.

ICMM Principle 1: Ethical Business

ICMM Performance Expectation:

- Implement policies and practices to prevent bribery, corruption and to publicly disclose facilitation payments. (Expectation 1.2)

RMI Framework:

- The company **commits** to prevent all direct and indirect forms of bribery and corruption. (Indicator B.01.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Formal commitment	b. Responsibility and accountability	c. Financial and staffing resources
Anglo American	100%	🟢	🟢	🟢
AngloGold Ashanti	100%	🟢	🟢	🟢
Antofagasta	100%	🟢	🟢	🟢
Barrick	100%	🟢	🟢	🟢
BHP	100%	🟢	🟢	🟢
Boliden	100%	🟢	🟢	🟢
CODELCO	100%	🟢	🟢	🟢
Freeport-McMoRan	83%	🟢	🟢	🟡
Glencore	100%	🟢	🟢	🟢
Gold Fields	100%	🟢	🟢	🟢
MMG	83%	🟢	🟢	🟡
Newcrest	100%	🟢	🟢	🟢
Newmont	100%	🟢	🟢	🟢
Orano	100%	🟢	🟢	🟢
Rio Tinto	100%	🟢	🟢	🟢
Sibanye-Stillwater	75%	🟢	🟢	🟠
Teck	100%	🟢	🟢	🟢
Vale	100%	🟢	🟢	🟢

Scoring scale: 🔴 🟠 🟡 🟢
0   0.5   1   2

ICMM Principle 1: Ethical Business

ICMM Performance Expectation:

- Implement policies and practices to prevent bribery, corruption and to publicly disclose facilitation payments. (Expectation 1.2)

RMI Framework:

- The company **tracks, reviews and acts** to improve its **performance** on anti-bribery and corruption. (Indicator B.01.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data (cases+details)	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	42%	orange	yellow	yellow
AngloGold Ashanti	17%	yellow	red	red
Antofagasta	25%	orange	yellow	red
Barrick	8%	orange	red	red
BHP	17%	red	yellow	red
Boliden	25%	orange	orange	red
CODELCO	42%	orange	yellow	orange
Freeport-McMoRan	17%	orange	orange	red
Glencore	25%	red	yellow	orange
Gold Fields	17%	orange	orange	red
MMG	17%	orange	orange	red
Newcrest	17%	orange	orange	red
Newmont	42%	yellow	yellow	orange
Orano	17%	orange	orange	red
Rio Tinto	17%	orange	orange	red
Sibanye-Stillwater	17%	yellow	red	red
Teck	33%	yellow	orange	orange
Vale	50%	yellow	yellow	yellow

Scoring scale: 0 0.5 1 2

ICMM Principle 1: Ethical Business

ICMM Performance Expectation:

- Assign accountability for sustainability performance at the Board and/or Executive Committee level. (Expectation 1.4)

RMI Framework:

- The company has systems in place to **hold individual board directors and senior managers accountable** for responsible business conduct on ESG issues. (Indicator B.02.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Responsibilities defined	b. Competency requirements	c. Accountability
Anglo American	75%	🟢	🟠	🟢
AngloGold Ashanti	75%	🟢	🟠	🟢
Antofagasta	58%	🟢	🟠	🟡
Barrick	58%	🟢	🟠	🟡
BHP	67%	🟢	🟡	🟡
Boliden	8%	🟠	🔴	🔴
CODELCO	50%	🟢	🟠	🟠
Freeport-McMoRan	58%	🟢	🟠	🟡
Glencore	42%	🟢	🟠	🔴
Gold Fields	58%	🟢	🟠	🟡
MMG	25%	🟡	🔴	🟠
Newcrest	50%	🟢	🔴	🟡
Newmont	58%	🟢	🟠	🟡
Orano	58%	🟢	🟡	🟠
Rio Tinto	58%	🟢	🟡	🟠
Sibanye-Stillwater	50%	🟢	🔴	🟡
Teck	58%	🟢	🟡	🟠
Vale	67%	🟢	🟡	🟡

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 2: Decision Making

ICMM Performance Expectation:

- Integrate sustainable development principles into corporate strategy and decision-making processes relating to investments and in the design, operation and closure of facilities. (Expectation 2.1)

RMI Framework:

- The company has systems in place to **integrate ESG criteria** into the stage-gating process **in investment decision-making**. (Indicator C.02.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Identification of ESG criteria	b. Implementation of ESG criteria	c. Personnel in charge
Anglo American	75%	🟢	🟢	🟠
AngloGold Ashanti	25%	🟠	🟠	🟠
Antofagasta	8%	🟠	🔴	🔴
Barrick	17%	🟠	🟠	🔴
BHP	17%	🟠	🟠	🔴
Boliden	17%	🟠	🟠	🔴
CODELCO	75%	🟢	🟢	🟠
Freeport-McMoRan	33%	🟡	🟡	🔴
Glencore	17%	🟠	🟠	🔴
Gold Fields	0%	🔴	🔴	🔴
MMG	17%	🟠	🟠	🔴
Newcrest	33%	🟡	🟡	🔴
Newmont	0%	🔴	🔴	🔴
Orano	0%	🔴	🔴	🔴
Rio Tinto	17%	🟠	🟠	🔴
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	33%	🟡	🟡	🔴
Vale	8%	🟠	🔴	🔴

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 2: Decision Making

ICMM Performance Expectation:

- Support the adoption of responsible health and safety, environmental, human rights and labour policies and practices by joint venture partners, suppliers and contractors, based on risk. (Expectation 2.2)

RMI Framework:

- The company has systems in place to identify and assess any **health and safety, labour and environmental risks** associated **with its suppliers and contractors**. (Indicator B.08.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Human rights risks	b. Labour risks	c. Environmental risks
Anglo American	83%	🟢	🟢	🟡
AngloGold Ashanti	50%	🟡	🟡	🟡
Antofagasta	50%	🟡	🟡	🟡
Barrick	67%	🟢	🟡	🟡
BHP	83%	🟢	🟢	🟡
Boliden	50%	🟡	🟡	🟡
CODELCO	33%	🔴	🟡	🟡
Freeport-McMoRan	33%	🟡	🟠	🟠
Glencore	100%	🟢	🟢	🟢
Gold Fields	50%	🟡	🟡	🟡
MMG	25%	🟠	🟠	🟠
Newcrest	25%	🟠	🟠	🟠
Newmont	67%	🟢	🟡	🟡
Orano	50%	🟡	🟡	🟡
Rio Tinto	75%	🟢	🟢	🟠
Sibanye-Stillwater	33%	🟡	🟡	🔴
Teck	50%	🟡	🟡	🟡
Vale	42%	🟡	🟠	🟡

🔴 🟠 🟡 🟢
Scoring scale: 0 0.5 1 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Support the UN Guiding Principles on Business and Human Rights by developing a policy commitment to respect human rights, undertaking human rights due diligence and providing for or cooperating in processes to enable the remediation of adverse human rights impacts that members have caused or contributed to. (Expectation 3.1)

RMI Framework:

- The company **commits to respect human rights**, in accordance **with the UN Guiding Principles on Business and Human Rights**. (Indicator D.01.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Formal commitment	b. Responsibility and accountability	c. Financial and staffing resources
Anglo American	**100%**	🟢	🟢	🟢
AngloGold Ashanti	**100%**	🟢	🟢	🟢
Antofagasta	**83%**	🟢	🟢	🟡
Barrick	**100%**	🟢	🟢	🟢
BHP	**100%**	🟢	🟢	🟢
Boliden	**8%**	🟠	🔴	🔴
CODELCO	**100%**	🟢	🟢	🟢
Freeport-McMoRan	**100%**	🟢	🟢	🟢
Glencore	**100%**	🟢	🟢	🟢
Gold Fields	**83%**	🟢	🟢	🟡
MMG	**58%**	🟢	🟡	🟠
Newcrest	**58%**	🟢	🟡	🟠
Newmont	**100%**	🟢	🟢	🟢
Orano	**50%**	🟡	🟡	🟡
Rio Tinto	**100%**	🟢	🟢	🟢
Sibanye-Stillwater	**33%**	🟡	🟡	🔴
Teck	**100%**	🟢	🟢	🟢
Vale	**100%**	🟢	🟢	🟢

🔴 🟠 🟡 🟢

Scoring scale: 0   0.5   1   2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

▪ Support the UN Guiding Principles on Business and Human Rights by developing a policy commitment to respect human rights, undertaking human rights due diligence and providing for or cooperating in processes to enable the remediation of adverse human rights impacts that members have caused or contributed to. (Expectation 3.1)

RMI Framework:

▪ The company has systems in place, in accordance with the UN Guiding Principles on Business and Human Rights, **to carry out regular human rights due diligence** across all its operations, to assess and address human rights risks. (Indicator D.01.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Impacts assessments	b. Plans to address impacts	c. Implementation tracking
Anglo American	**75%**	🟢	🟢	🟠
AngloGold Ashanti	**75%**	🟢	🟢	🟠
Antofagasta	**8%**	🟠	🔴	🔴
Barrick	**67%**	🟢	🟡	🟡
BHP	**83%**	🟢	🟢	🟡
Boliden	**8%**	🟠	🔴	🔴
CODELCO	**17%**	🟠	🟠	🔴
Freeport-McMoRan	**67%**	🟡	🟢	🟡
Glencore	**83%**	🟢	🟢	🟡
Gold Fields	**33%**	🟡	🟡	🔴
MMG	**33%**	🟡	🟠	🟠
Newcrest	**8%**	🟠	🔴	🔴
Newmont	**83%**	🟢	🟢	🟡
Orano	**17%**	🟡	🔴	🔴
Rio Tinto	**42%**	🟢	🟠	🔴
Sibanye-Stillwater	**17%**	🟠	🟠	🔴
Teck	**50%**	🟡	🟡	🟡
Vale	**33%**	🟡	🟠	🟡

Scoring scale: 🔴 🟠 🟡 🟢 0 0.5 1 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Support the UN Guiding Principles on Business and Human Rights by developing a policy commitment to respect human rights, undertaking human rights due diligence and providing for or cooperating in processes to enable the remediation of adverse human rights impacts that members have caused or contributed to. (Expectation 3.1)

RMI Framework:

- The company tracks, reviews and acts to improve its **performance on preventing and remedying adverse impacts on human rights** associated with its areas of operations. (Indicator D.01.3)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data (cases+details)	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	42%	orange	yellow	yellow
AngloGold Ashanti	33%	yellow	orange	orange
Antofagasta	0%	red	red	red
Barrick	0%	red	red	red
BHP	42%	orange	yellow	yellow
Boliden	0%	red	red	red
CODELCO	8%	orange	red	red
Freeport-McMoRan	50%	yellow	yellow	yellow
Glencore	50%	yellow	yellow	yellow
Gold Fields	25%	orange	orange	orange
MMG	25%	orange	yellow	red
Newcrest	25%	orange	orange	orange
Newmont	33%	orange	yellow	orange
Orano	8%	orange	red	red
Rio Tinto	8%	red	orange	red
Sibanye-Stillwater	0%	red	red	red
Teck	42%	yellow	yellow	orange
Vale	42%	orange	yellow	yellow

Scoring scale: 0   0.5   1   2

Responsible
Mining Foundation

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Avoid the involuntary physical or economic displacement of families and communities. Where this is not possible apply the mitigation hierarchy and implement actions or remedies that address residual adverse effects to restore or improve livelihoods and standards of living of displaced people. (Expectation 3.2)

RMI Framework:

- Where applicable, the company has systems in place to ensure its operations **identify, assess, avoid, and mitigate the potential impacts** of the involuntary physical and/or economic **displacement of project-affected people**. (Indicator D.10.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Impacts assessments	b. Plans to address impacts	c. Involvement of affected people
Anglo American	100%	🟢	🟢	🟢
AngloGold Ashanti	100%	🟢	🟢	🟢
Antofagasta	0%	🔴	🔴	🔴
Barrick	83%	🟡	🟢	🟢
BHP	25%	🟠	🟠	🟠
Boliden	25%	🟠	🟠	🟠
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	8%	🔴	🔴	🟠
Glencore	25%	🟠	🟠	🟠
Gold Fields	83%	🟢	🟢	🟡
MMG	100%	🟢	🟢	🟢
Newcrest	83%	🟢	🟢	🟡
Newmont	100%	🟢	🟢	🟢
Orano	25%	🟠	🟠	🟠
Rio Tinto	50%	🟡	🟡	🟡
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	42%	🟡	🟡	🟠
Vale	83%	🟢	🟢	🟡

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Implement, based on risk, a human rights and security approach consistent with the Voluntary Principles on Security and Human Rights. (Expectation 3.3)

RMI Framework:

- The company has systems in place to ensure its operations **integrate human rights** into their **management of security personnel and private security forces**, in line with the **Voluntary Principles on Security and Human Rights**. (Indicator D.02.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Background reviews	b. Cases reporting	c. Cases investigations
Anglo American	83%	🟢	🟡	🟢
AngloGold Ashanti	8%	🔴	🔴	🟠
Antofagasta	0%	🔴	🔴	🔴
Barrick	17%	🟠	🔴	🟠
BHP	0%	🔴	🔴	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	17%	🟡	🔴	🔴
Freeport-McMoRan	0%	🔴	🔴	🔴
Glencore	17%	🟠	🔴	🟠
Gold Fields	0%	🔴	🔴	🔴
MMG	8%	🟠	🔴	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	50%	🟢	🟠	🟠
Orano	0%	🔴	🔴	🔴
Rio Tinto	42%	🟡	🟡	🟠
Sibanye-Stillwater	8%	🟠	🔴	🔴
Teck	0%	🔴	🔴	🔴
Vale	8%	🟠	🔴	🔴

🔴 🟠 🟡 🟢
Scoring scale: 0 0.5 1 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Implement, based on risk, a human rights and security approach consistent with the Voluntary Principles on Security and Human Rights. (Expectation 3.3)

RMI Framework:

- The company **tracks, reviews and acts to improve its performance** on supporting education and training of its security personnel, private, and public security forces, to prevent human rights abuses, **in line with the Voluntary Principles on Security and Human Rights**. (Indicator D.02.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data (cases+details)	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	25%	🟠	🟠	🟠
AngloGold Ashanti	33%	🟡	🟠	🟠
Antofagasta	0%	🔴	🔴	🔴
Barrick	50%	🟡	🟡	🟡
BHP	17%	🔴	🟠	🟠
Boliden	0%	🔴	🔴	🔴
CODELCO	8%	🟠	🔴	🔴
Freeport-McMoRan	25%	🟠	🟠	🟠
Glencore	50%	🟡	🟡	🟡
Gold Fields	25%	🟠	🟠	🟠
MMG	25%	🟠	🟠	🟠
Newcrest	25%	🟠	🟠	🟠
Newmont	25%	🟠	🟠	🟠
Orano	0%	🔴	🔴	🔴
Rio Tinto	25%	🟠	🟠	🟠
Sibanye-Stillwater	17%	🟡	🔴	🔴
Teck	0%	🔴	🔴	🔴
Vale	17%	🟡	🔴	🔴

🔴 🟠 🟡 🟢
Scoring scale: 0   0.5   1   2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Respect the rights of workers by: not employing child or forced labour; avoiding human trafficking; not assigning hazardous/dangerous work to those under 18; eliminating harassment and discrimination; respecting freedom of association and collective bargaining and; providing a mechanism to address workers grievances. (Expectation 3.4)

RMI Framework:

- The company has systems in place to **identify, assess, avoid, and mitigate potential risks of all forms of forced, compulsory, trafficked and child labour** in its areas of operations and entire supply chain. (Indicator E.02.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Impacts assessments	b. Plans to address impacts	c. Implementation tracking
Anglo American	83%	🟢	🟢	🟡
AngloGold Ashanti	58%	🟢	🟡	🟠
Antofagasta	50%	🟡	🟡	🟡
Barrick	50%	🟢	🟠	🟠
BHP	83%	🟢	🟢	🟡
Boliden	0%	🔴	🔴	🔴
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	42%	🟢	🟠	🔴
Glencore	42%	🟢	🟠	🔴
Gold Fields	17%	🟠	🟠	🔴
MMG	17%	🟠	🟠	🔴
Newcrest	25%	🟡	🟠	🔴
Newmont	58%	🟢	🟡	🟠
Orano	33%	🟡	🟡	🔴
Rio Tinto	58%	🟢	🟡	🟠
Sibanye-Stillwater	8%	🟠	🔴	🔴
Teck	42%	🟡	🟡	🟠
Vale	25%	🟡	🟠	🔴

Scoring scale: 🔴 0　🟠 0.5　🟡 1　🟢 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Respect the rights of workers by: not employing child or forced labour; avoiding human trafficking; not assigning hazardous/dangerous work to those under 18; eliminating harassment and discrimination; respecting freedom of association and collective bargaining and; providing a mechanism to address workers grievances. (Expectation 3.4)

RMI Framework:

- The company has systems in place to ensure its operations base their **recruitment and employment practices on the principle of equal opportunity**, in order to **prevent all forms of discrimination** in the workplace and promote workforce diversity. (Indicator E.03.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Specific measures taken	b. Trainings to raise awareness	c. Targets settings
Anglo American	**50%**	🟡	🟡	🟡
AngloGold Ashanti	**50%**	🟡	🟡	🟡
Antofagasta	**83%**	🟢	🟡	🟢
Barrick	**25%**	🔴	🟠	🟡
BHP	**50%**	🟡	🟡	🟡
Boliden	**25%**	🟠	🔴	🟡
CODELCO	**42%**	🟡	🟠	🟡
Freeport-McMoRan	**17%**	🔴	🟠	🟠
Glencore	**25%**	🟠	🟡	🔴
Gold Fields	**33%**	🟠	🟡	🟠
MMG	**25%**	🟠	🟠	🟠
Newcrest	**33%**	🟠	🟠	🟡
Newmont	**50%**	🟡	🟡	🟡
Orano	**50%**	🟡	🟡	🟡
Rio Tinto	**33%**	🔴	🔴	🟢
Sibanye-Stillwater	**33%**	🟠	🟠	🟡
Teck	**25%**	🟡	🟠	🔴
Vale	**50%**	🟡	🟡	🟡

🔴 🟠 🟡 🟢
Scoring scale: 0 0.5 1 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Respect the rights of workers by: not employing child or forced labour; avoiding human trafficking; not assigning hazardous/dangerous work to those under 18; eliminating harassment and discrimination; respecting freedom of association and collective bargaining and; providing a mechanism to address workers grievances. (Expectation 3.4)

RMI Framework:

- The company has systems in place to ensure its operations actively respect the **rights of workers to organise, collective bargaining and freedom of association**. (Indicator E.04.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Right to organise	b. Collective bargaining	c. Freedom of association
Anglo American	42%	orange	yellow	yellow
AngloGold Ashanti	50%	red	green	yellow
Antofagasta	50%	red	green	yellow
Barrick	25%	red	yellow	orange
BHP	25%	orange	orange	orange
Boliden	33%	red	yellow	yellow
CODELCO	50%	red	green	yellow
Freeport-McMoRan	58%	orange	green	yellow
Glencore	58%	orange	green	yellow
Gold Fields	33%	red	yellow	yellow
MMG	42%	orange	yellow	yellow
Newcrest	25%	red	yellow	orange
Newmont	50%	red	green	yellow
Orano	50%	red	green	yellow
Rio Tinto	33%	red	yellow	yellow
Sibanye-Stillwater	25%	red	orange	yellow
Teck	33%	orange	yellow	orange
Vale	58%	orange	green	yellow

Scoring scale: 0 0.5 1 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Respect the rights of workers by: not employing child or forced labour; avoiding human trafficking; not assigning hazardous/dangerous work to those under 18; eliminating harassment and discrimination; respecting freedom of association and collective bargaining and; providing a mechanism to address workers grievances. (Expectation 3.4)

RMI Framework:

- The company tracks, reviews and acts to improve the effectiveness of its **grievance mechanisms for workers**. (Indicator E.07.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data (cases+details)	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	17%	orange	orange	red
AngloGold Ashanti	8%	orange	red	red
Antofagasta	25%	orange	orange	orange
Barrick	8%	orange	red	red
BHP	17%	orange	orange	red
Boliden	8%	orange	red	red
CODELCO	17%	yellow	red	red
Freeport-McMoRan	25%	yellow	orange	red
Glencore	50%	yellow	yellow	yellow
Gold Fields	17%	yellow	red	red
MMG	25%	orange	yellow	red
Newcrest	8%	red	orange	red
Newmont	33%	yellow	orange	orange
Orano	8%	orange	red	red
Rio Tinto	8%	orange	red	red
Sibanye-Stillwater	8%	orange	red	red
Teck	8%	orange	red	red
Vale	0%	red	red	red

Scoring scale: 0 (red) 0.5 (orange) 1 (yellow) 2 (green)

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Remunerate employees with wages that equal or exceed legal requirements or represent a competitive wage within that job market (whichever is higher) and assign regular and overtime working hours within legally required limits. (Expectation 3.5)

RMI Framework:

- The company tracks, reviews and acts to improve its performance on ensuring that its **workers' wages meet or exceed verified living wage standards, or legal minimum wage, whichever is the highest**. (Indicator E.05.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	E.01.3	b. Level of wages review	c. Responsive action to improve
Anglo American	17%	🟠	🟠	🔴
AngloGold Ashanti	17%	🟠	🟠	🔴
Antofagasta	0%	🔴	🔴	🔴
Barrick	0%	🔴	🔴	🔴
BHP	0%	🔴	🔴	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	33%	🟠	🟡	🟠
Glencore	0%	🔴	🔴	🔴
Gold Fields	0%	🔴	🔴	🔴
MMG	0%	🔴	🔴	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	0%	🔴	🔴	🔴
Orano	0%	🔴	🔴	🔴
Rio Tinto	0%	🔴	🔴	🔴
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	25%	🟠	🟡	🔴
Vale	0%	🔴	🔴	🔴

🔴 🟠 🟡 🟢
Scoring scale: 0   0.5   1   2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Respect the rights, interests, aspirations, culture and natural resource-based livelihoods of Indigenous Peoples in project design, development and operation; apply the mitigation hierarchy to address adverse impacts and; deliver sustainable benefits for Indigenous Peoples. (Expectation 3.6)

RMI Framework:

- Where applicable, the company has systems in place to ensure its operations design and implement, through inclusive participation, strategies and plans to **respect the rights, interests, and needs of Indigenous Peoples** potentially affected by its operations, in line with the UN Declaration on the Rights of Indigenous Peoples. (Indicator D.08.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Identification of Indigenous People	b. Identification of rights/interests/needs	c. Implementation of strategies
Anglo American	**100%**	🟢	🟢	🟢
AngloGold Ashanti	**100%**	🟢	🟢	🟢
Antofagasta	**25%**	🟠	🟠	🟠
Barrick	**58%**	🟠	🟡	🟢
BHP	**100%**	🟢	🟢	🟢
Boliden	**25%**	🟠	🟠	🟠
CODELCO	**42%**	🟡	🟡	🟠
Freeport-McMoRan	**42%**	🟠	🟡	🟡
Glencore	**50%**	🟡	🟡	🟡
Gold Fields	**67%**	🟡	🟢	🟡
MMG	**42%**	🟡	🟡	🟠
Newcrest	**33%**	🟠	🟠	🟡
Newmont	**100%**	🟢	🟢	🟢
Orano	**25%**	🟠	🟠	🟠
Rio Tinto	**42%**	🟠	🟡	🟡
Sibanye-Stillwater	**8%**	🟠	🔴	🔴
Teck	**67%**	🟡	🟡	🟢
Vale	**50%**	🟡	🟡	🟡

Scoring scale: 🔴 🟠 🟡 🟢
        0 0.5 1 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

- Respect the rights, interests, aspirations, culture and natural resource-based livelihoods of Indigenous Peoples in project design, development and operation; apply the mitigation hierarchy to address adverse impacts and; deliver sustainable benefits for Indigenous Peoples. (Expectation 3.6)

RMI Framework:

- Where applicable, the company tracks, reviews and acts **to improve its performance on respecting the rights and aspirations of Indigenous Peoples** and avoiding adverse impacts on their livelihoods and heritage. (Indicator D.08.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	33%	yellow	orange	orange
AngloGold Ashanti	17%	yellow	red	red
Antofagasta	0%	red	red	red
Barrick	17%	yellow	red	red
BHP	42%	yellow	yellow	orange
Boliden	0%	red	red	red
CODELCO	25%	yellow	orange	red
Freeport-McMoRan	8%	orange	red	red
Glencore	17%	yellow	red	red
Gold Fields	25%	orange	orange	orange
MMG	17%	orange	orange	red
Newcrest	25%	yellow	orange	red
Newmont	25%	orange	orange	orange
Orano	0%	red	red	red
Rio Tinto	8%	orange	red	red
Sibanye-Stillwater	0%	red	red	red
Teck	58%	green	yellow	orange
Vale	17%	yellow	red	red

Scoring scale: red 0 orange 0.5 yellow 1 green 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

▪ Work to obtain the free, prior and informed consent of Indigenous Peoples where significant adverse impacts are likely to occur, as a result of relocation, disturbance of lands and territories or of critical cultural heritage, and capture the outcomes of engagement and consent processes in agreements. (Expectation 3.7)

RMI Framework:

▪ The company commits to **respect the right of Indigenous Peoples to Free, Prior and Informed Consent (FPIC)**, and to support the extension of the principle of FPIC to other project-affected groups. (Indicator D.09.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Formal commitment	b. Responsibility and accountability	c. Financial and staffing resources
Anglo American	**50%**	🟡	🟡	🟡
AngloGold Ashanti	**25%**	🟠	🟠	🟠
Antofagasta	**0%**	🔴	🔴	🔴
Barrick	**17%**	🟠	🟠	🔴
BHP	**25%**	🟠	🟠	🟠
Boliden	**0%**	🔴	🔴	🔴
CODELCO	**0%**	🔴	🔴	🔴
Freeport-McMoRan	**25%**	🟠	🟠	🟠
Glencore	**25%**	🟠	🟠	🟠
Gold Fields	**25%**	🟠	🟠	🟠
MMG	**25%**	🟠	🟠	🟠
Newcrest	**8%**	🟠	🔴	🔴
Newmont	**25%**	🟠	🟠	🟠
Orano	**17%**	🟠	🔴	🟠
Rio Tinto	**17%**	🟠	🟠	🔴
Sibanye-Stillwater	**17%**	🟠	🟠	🔴
Teck	**25%**	🟠	🟠	🟠
Vale	**25%**	🟠	🟠	🟠

Scoring scale: 🔴 🟠 🟡 🟢 0 0.5 1 2

ICMM Principle 3: Human Rights

ICMM Performance Expectation:

▪ Implement policies and practices to respect the rights and interests of women and support diversity in the workplace. (Expectation 3.8)

RMI Framework:

▪ The company has systems in place to ensure its operations **protect women workers from harassment and violence**. (Indicator E.01.3)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Intimidation and moral harassment	b. Sexual harassment	c. Gender-related violence
Anglo American	25%	🟠	🟠	🟠
AngloGold Ashanti	8%	🔴	🟠	🔴
Antofagasta	17%	🔴	🟡	🔴
Barrick	33%	🟡	🟡	🔴
BHP	17%	🟠	🟠	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	50%	🟡	🟡	🟡
Freeport-McMoRan	0%	🔴	🔴	🔴
Glencore	25%	🟠	🟠	🟠
Gold Fields	17%	🟠	🟠	🔴
MMG	0%	🔴	🔴	🔴
Newcrest	17%	🟠	🟠	🔴
Newmont	0%	🔴	🔴	🔴
Orano	33%	🟡	🟡	🔴
Rio Tinto	17%	🟠	🟠	🔴
Sibanye-Stillwater	25%	🔴	🟡	🟠
Teck	33%	🟡	🟡	🔴
Vale	8%	🔴	🟠	🔴

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 4: Risk Management

ICMM Performance Expectation:

- Assess environmental and social risks and opportunities of new projects and of significant changes to existing operations in consultation with interested and affected stakeholders, and publicly disclose assessment results. (Expectation 4.1)

RMI Framework:

- The company has systems in place to ensure its operations **conduct and disclose regular assessments** of its environmental impacts through an integrated approach that considers the **linkages between socio-economic and environmental impacts**. (Indicator F.01.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Baseline identification	b. Impacts assessments	c. Disclosure of results
Anglo American	100%	green	green	green
AngloGold Ashanti	75%	green	green	orange
Antofagasta	25%	orange	orange	orange
Barrick	42%	yellow	yellow	orange
BHP	67%	green	green	red
Boliden	17%	orange	orange	red
CODELCO	67%	green	green	red
Freeport-McMoRan	25%	orange	yellow	red
Glencore	50%	yellow	yellow	yellow
Gold Fields	33%	orange	yellow	orange
MMG	33%	orange	yellow	orange
Newcrest	33%	yellow	yellow	red
Newmont	75%	green	green	orange
Orano	33%	orange	yellow	orange
Rio Tinto	42%	yellow	yellow	orange
Sibanye-Stillwater	17%	orange	orange	red
Teck	50%	yellow	yellow	yellow
Vale	25%	red	orange	yellow

Scoring scale: red 0   orange 0.5   yellow 1   green 2

ICMM Principle 4: Risk Management

ICMM Performance Expectation:

- Undertake risk-based due diligence on conflict and human rights that aligns with the OECD Due Diligence Guidance on Conflict-Affected and High-Risk Areas, when operating in, or sourcing from, a conflict-affected or high-risk area. (Expectation 4.2)

RMI Framework:

- Where applicable, the company has systems in place to ensure its operations carry out enhanced **due diligence to identify, assess, avoid, and mitigate risks** for workers and communities specifically **associated with the operations' presence in any conflict-affected and high-risk areas (CAHRAs)**, in line with the Voluntary Principles on Security and Human Rights. (Indicator D.02.3)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Risks assessments	b. Plans to address risks	c. Implementation tracking
Anglo American	0%	🔴	🔴	🔴
AngloGold Ashanti	EX	🔵	🔵	🔵
Antofagasta	0%	🔴	🔴	🔴
Barrick	EX	🔵	🔵	🔵
BHP	8%	🟠	🔴	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	8%	🟠	🔴	🔴
Glencore	8%	🟠	🔴	🔴
Gold Fields	EX	🔵	🔵	🔵
MMG	8%	🟠	🔴	🔴
Newcrest	EX	🔵	🔵	🔵
Newmont	EX	🔵	🔵	🔵
Orano	0%	🔴	🔴	🔴
Rio Tinto	17%	🟡	🔴	🔴
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	0%	🔴	🔴	🔴
Vale	0%	🔴	🔴	🔴

Scoring scale: 0 0.5 1 2
🔵 *Exception*

ICMM Principle 4: Risk Management

ICMM Performance Expectation:

- Implement risk-based controls to avoid/prevent, minimise, mitigate and/or remedy health, safety and environmental impacts to workers, local communities, cultural heritage and the natural environment, based upon a recognised international standard or management system. (Expectation 4.3)

RMI Framework:

- The company has systems in place to ensure its operations take specific measures to enable the participation of women, youth and persons with disabilities in discussions and decision-making on matters that may impact them. (Indicator D.03.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Participation of women	b. Participation of youth	c. Participation of persons with disabilities
Anglo American	58%	🟢	🟡	🟠
AngloGold Ashanti	33%	🟡	🟠	🟠
Antofagasta	0%	🔴	🔴	🔴
Barrick	42%	🟡	🟡	🟠
BHP	50%	🟢	🟠	🟠
Boliden	0%	🔴	🔴	🔴
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	42%	🟡	🟡	🟠
Glencore	50%	🟡	🟡	🟡
Gold Fields	0%	🔴	🔴	🔴
MMG	25%	🟠	🟠	🟠
Newcrest	0%	🔴	🔴	🔴
Newmont	25%	🟠	🟠	🟠
Orano	0%	🔴	🔴	🔴
Rio Tinto	25%	🟠	🟠	🟠
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	25%	🟠	🟠	🟠
Vale	8%	🔴	🟠	🔴

🔴 🟠 🟡 🟢
Scoring scale: 0   0.5   1   2

ICMM Principle 4: Risk Management

ICMM Performance Expectation:

▪ Implement risk-based controls to avoid/prevent, minimise, mitigate and/or remedy health, safety and environmental impacts to workers, local communities, cultural heritage and the natural environment, based upon a recognised international standard or management system. (Expectation 4.3)

RMI Framework:

▪ The company has systems in place to **ensure its operations identify, assess, avoid, and mitigate their impacts on community health**. (Indicator D.06.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Impacts assessments	b. Plans to address impacts	c. Implementation tracking
Anglo American	67%	🟢	🟢	🔴
AngloGold Ashanti	50%	🟡	🟢	🔴
Antofagasta	17%	🟠	🟠	🔴
Barrick	17%	🟠	🟠	🔴
BHP	17%	🟠	🟠	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	8%	🟠	🔴	🔴
Glencore	8%	🔴	🟠	🔴
Gold Fields	33%	🟡	🟡	🔴
MMG	0%	🔴	🔴	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	8%	🟠	🔴	🔴
Orano	8%	🟠	🔴	🔴
Rio Tinto	33%	🟡	🟡	🔴
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	17%	🟠	🟠	🔴
Vale	17%	🟠	🟠	🔴

🔴 🟠 🟡 🟢
Scoring scale: 0 0.5 1 2

ICMM Principle 4: Risk Management

ICMM Performance Expectation:

- Implement risk-based controls to avoid/prevent, minimise, mitigate and/or remedy health, safety and environmental impacts to workers, local communities, cultural heritage and the natural environment, based upon a recognised international standard or management system. (Expectation 4.3)

RMI Framework:

- The company tracks, reviews and acts to **improve its performance on managing any impacts of its activities on women**. (Indicator D.07.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	0%	🔴	🔴	🔴
AngloGold Ashanti	0%	🔴	🔴	🔴
Antofagasta	0%	🔴	🔴	🔴
Barrick	0%	🔴	🔴	🔴
BHP	0%	🔴	🔴	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	0%	🔴	🔴	🔴
Glencore	0%	🔴	🔴	🔴
Gold Fields	0%	🔴	🔴	🔴
MMG	0%	🔴	🔴	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	17%	🟠	🟠	🔴
Orano	0%	🔴	🔴	🔴
Rio Tinto	0%	🔴	🔴	🔴
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	0%	🔴	🔴	🔴
Vale	0%	🔴	🔴	🔴

🔴 🟠 🟡 🟢
Scoring scale: 0 0.5 1 2

ICMM Principle 4: Risk Management

ICMM Performance Expectation:

- Implement risk-based controls to avoid/prevent, minimise, mitigate and/or remedy health, safety and environmental impacts to workers, local communities, cultural heritage and the natural environment, based upon a recognised international standard or management system. (Expectation 4.3)

RMI Framework:

- The company has systems in place to ensure its operations **limit the impacts of noise and vibration on affected communities, structures, properties, and wildlife**. (Indicator F.04.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Disclosure of results	b. Plans to limit impacts	c. Engagement with stakeholders
Anglo American	25%	🟠	🟡	🔴
AngloGold Ashanti	17%	🟠	🟠	🔴
Antofagasta	8%	🟠	🔴	🔴
Barrick	8%	🟠	🔴	🔴
BHP	8%	🟠	🔴	🔴
Boliden	8%	🟠	🔴	🔴
CODELCO	8%	🟠	🔴	🔴
Freeport-McMoRan	25%	🟠	🟠	🟠
Glencore	8%	🔴	🟠	🔴
Gold Fields	25%	🟠	🟠	🟠
MMG	25%	🟠	🟠	🟠
Newcrest	25%	🟠	🟠	🟠
Newmont	17%	🔴	🟠	🟠
Orano	0%	🔴	🔴	🔴
Rio Tinto	0%	🔴	🔴	🔴
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	25%	🟠	🟠	🟠
Vale	25%	🟠	🟠	🟠

🔴 🟠 🟡 🟢
Scoring scale: 0 0.5 1 2

ICMM Principle 4: Risk Management

ICMM Performance Expectation:

- Develop, maintain and test emergency response plans. Where risks to external stakeholders are significant, this should be in collaboration with potentially affected stakeholders and consistent with established industry good practice. (Expectation 4.4)

RMI Framework:

- The company has systems in place to ensure its operations **engage local authorities, workers and communities** in developing, communicating and testing **emergency preparedness and response plans**. (Indicator C.03.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Development of emergency plans	b. Design of plans with stakeholders	c. Testing of plans with stakeholders
Anglo American	67%	🟢	🟡	🟡
AngloGold Ashanti	50%	🟢	🟠	🟠
Antofagasta	33%	🟡	🟠	🟠
Barrick	25%	🟡	🟠	🔴
BHP	50%	🟢	🟠	🟠
Boliden	17%	🟡	🔴	🔴
CODELCO	100%	🟢	🟢	🟢
Freeport-McMoRan	42%	🟡	🟡	🟠
Glencore	33%	🟡	🟠	🟠
Gold Fields	33%	🟡	🟠	🟠
MMG	33%	🟡	🟠	🟠
Newcrest	8%	🟠	🔴	🔴
Newmont	33%	🟡	🟠	🟠
Orano	25%	🟡	🔴	🟠
Rio Tinto	33%	🟢	🔴	🔴
Sibanye-Stillwater	25%	🟠	🟠	🟠
Teck	33%	🟡	🟠	🟠
Vale	50%	🟢	🟠	🟠

🔴 🟠 🟡 🟢
Scoring scale: 0   0.5   1   2

ICMM Principle 5: Health and Safety

ICMM Performance Expectation:

- Implement practices aimed at continually improving workplace health and safety, and monitor performance for the elimination of workplace fatalities, serious injuries and prevention of occupational diseases, based upon a recognised international standard or management system. (Expectation 5.1)

RMI Framework:

- The company commits **to ensure safe and healthy working conditions**. (Indicator E.01.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Formal commitment	b. Responsibility and accountability	c. Financial and staffing resources
Anglo American	100%	🟢	🟢	🟢
AngloGold Ashanti	100%	🟢	🟢	🟢
Antofagasta	100%	🟢	🟢	🟢
Barrick	100%	🟢	🟢	🟢
BHP	100%	🟢	🟢	🟢
Boliden	42%	🟡	🟠	🟡
CODELCO	100%	🟢	🟢	🟢
Freeport-McMoRan	83%	🟢	🟢	🟡
Glencore	100%	🟢	🟢	🟢
Gold Fields	100%	🟢	🟢	🟢
MMG	100%	🟢	🟢	🟢
Newcrest	100%	🟢	🟢	🟢
Newmont	100%	🟢	🟢	🟢
Orano	100%	🟢	🟢	🟢
Rio Tinto	83%	🟢	🟢	🟡
Sibanye-Stillwater	100%	🟢	🟢	🟢
Teck	100%	🟢	🟢	🟢
Vale	83%	🟢	🟢	🟡

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Scoring scale: 0 0.5 1 2

ICMM Principle 5: Health and Safety

ICMM Performance Expectation:

- Implement practices aimed at continually improving workplace health and safety, and monitor performance for the elimination of workplace fatalities, serious injuries and prevention of occupational diseases, based upon a recognised international standard or management system. (Expectation 5.1)

RMI Framework:

- The company publicly discloses **data on mining-related high potential accidents, serious injuries and fatalities** among its workforce. (Indicator E.01.5)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. H&S data disclosure	b. Disclosure at site level	c. Fatalities with employees/contractors
Anglo American	75%	🟢 green	🟠 orange	🟢 green
AngloGold Ashanti	67%	🟡 yellow	🟡 yellow	🟢 green
Antofagasta	58%	🟡 yellow	🟠 orange	🟢 green
Barrick	58%	🟢 green	🟡 yellow	🟠 orange
BHP	33%	🟡 yellow	🟠 orange	🟠 orange
Boliden	42%	🟠 orange	🔴 red	🟢 green
CODELCO	83%	🟢 green	🟡 yellow	🟢 green
Freeport-McMoRan	58%	🟡 yellow	🟠 orange	🟢 green
Glencore	67%	🟢 green	🔴 red	🟢 green
Gold Fields	75%	🟢 green	🟠 orange	🟢 green
MMG	42%	🟡 yellow	🟡 yellow	🟠 orange
Newcrest	25%	🟡 yellow	🟠 orange	🔴 red
Newmont	67%	🟡 yellow	🟡 yellow	🟢 green
Orano	75%	🟢 green	🟠 orange	🟢 green
Rio Tinto	67%	🟢 green	🔴 red	🟢 green
Sibanye-Stillwater	50%	🟠 orange	🟠 orange	🟢 green
Teck	67%	🟢 green	🔴 red	🟢 green
Vale	67%	🟢 green	🔴 red	🟢 green

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 5: Health and Safety

ICMM Performance Expectation:

- Provide workers with training in accordance with their responsibilities for health and safety, and implement health surveillance and risk-based monitoring programmes based on occupational exposures. (Expectation 5.2)

RMI Framework:

- The company has systems in place to ensure its operations engage with worker representatives to collaboratively **identify, assess, avoid and mitigate health and safety risks to its workforce**. (Indicator E.01.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Impacts assessments	b. Plans to address impacts	c. Implementation tracking
Anglo American	17%	🟠	🟠	🔴
AngloGold Ashanti	17%	🟠	🟠	🔴
Antofagasta	17%	🟠	🟠	🔴
Barrick	42%	🟡	🟠	🟡
BHP	8%	🟠	🔴	🔴
Boliden	50%	🟡	🟡	🟡
CODELCO	75%	🟢	🟢	🟠
Freeport-McMoRan	0%	🔴	🔴	🔴
Glencore	33%	🟡	🟡	🔴
Gold Fields	17%	🟠	🟠	🔴
MMG	0%	🔴	🔴	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	17%	🟠	🟠	🔴
Orano	33%	🟡	🟡	🔴
Rio Tinto	0%	🔴	🔴	🔴
Sibanye-Stillwater	33%	🟡	🟡	🔴
Teck	33%	🟡	🟠	🟠
Vale	33%	🟡	🟡	🔴

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Scoring scale: 0   0.5   1   2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Plan and design for closure in consultation with relevant authorities and stakeholders, implement measures to address closure-related environmental and social aspects, and make financial provision to enable agreed closure and post-closure commitments to be realised. (Expectation 6.1)

RMI Framework:

- The company has systems in place to ensure its operations **plan and manage post-closure transition in collaboration with affected communities**, to seek to ensure continued viability of their livelihoods. (Indicator C.05.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Impacts assessments	b. Plans to address impacts	c. Inclusion of post-mining land use
Anglo American	100%	🟢	🟢	🟢
AngloGold Ashanti	67%	🟡	🟡	🟢
Antofagasta	100%	🟢	🟢	🟢
Barrick	67%	🟡	🟡	🟢
BHP	58%	🟡	🟠	🟢
Boliden	8%	🟠	🔴	🔴
CODELCO	67%	🟢	🟢	🔴
Freeport-McMoRan	25%	🟠	🟠	🟠
Glencore	50%	🟡	🟡	🟡
Gold Fields	33%	🟡	🟡	🔴
MMG	50%	🟡	🟡	🟡
Newcrest	100%	🟢	🟢	🟢
Newmont	83%	🟢	🟢	🟡
Orano	25%	🟠	🟠	🟠
Rio Tinto	100%	🟢	🟢	🟢
Sibanye-Stillwater	25%	🟠	🟠	🟠
Teck	100%	🟢	🟢	🟢
Vale	33%	🟡	🟡	🔴

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Scoring scale: 0 0.5 1 2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Plan and design for closure in consultation with relevant authorities and stakeholders, implement measures to address closure-related environmental and social aspects, and make financial provision to enable agreed closure and post-closure commitments to be realised. (Expectation 6.1)

RMI Framework:

- The company has systems in place **to ensure its operations plan and manage post-closure transition in collaboration with workers**, to seek to ensure them a just transition. (Indicator C.05.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Impacts assessments	b. Plans to address impacts	c. Development of partnerships
Anglo American	100%	🟢	🟢	🟢
AngloGold Ashanti	50%	🟡	🟡	🟡
Antofagasta	33%	🟡	🟡	🔴
Barrick	8%	🔴	🟠	🔴
BHP	0%	🔴	🔴	🔴
Boliden	8%	🔴	🟠	🔴
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	0%	🔴	🔴	🔴
Glencore	25%	🔴	🟡	🟠
Gold Fields	0%	🔴	🔴	🔴
MMG	17%	🟠	🟠	🔴
Newcrest	8%	🔴	🟠	🔴
Newmont	0%	🔴	🔴	🔴
Orano	8%	🔴	🟠	🔴
Rio Tinto	8%	🔴	🟠	🔴
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	25%	🔴	🟡	🟠
Vale	33%	🟡	🟡	🔴

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Scoring scale: 0   0.5   1   2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Plan and design for closure in consultation with relevant authorities and stakeholders, implement measures to address closure-related environmental and social aspects, and make financial provision to enable agreed closure and post-closure commitments to be realised. (Expectation 6.1)

RMI Framework:

- C.05.4 The company discloses **financial surety arrangements for socio-economic liabilities** related to mine closure and post-closure. (Indicator C.05.4)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Plans for workers and communities	b. Plans for socio-economic aspects	c. Disclosure per project
Anglo American	0%	🔴	🔴	🔴
AngloGold Ashanti	0%	🔴	🔴	🔴
Antofagasta	0%	🔴	🔴	🔴
Barrick	0%	🔴	🔴	🔴
BHP	0%	🔴	🔴	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	0%	🔴	🔴	🔴
Glencore	0%	🔴	🔴	🔴
Gold Fields	0%	🔴	🔴	🔴
MMG	0%	🔴	🔴	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	0%	🔴	🔴	🔴
Orano	0%	🔴	🔴	🔴
Rio Tinto	0%	🔴	🔴	🔴
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	0%	🔴	🔴	🔴
Vale	0%	🔴	🔴	🔴

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Scoring scale: 0 0.5 1 2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Implement water stewardship practices that provide for strong and transparent water governance, effective and efficient management of water at operations, and collaboration with stakeholders at a catchment level to achieve responsible and sustainable water use. (Expectation 6.2)

RMI Framework:

- The company has systems in place to ensure its operations design and implement **water stewardship strategies and plans, based on a catchment-level approach**, to address water security in the affected area **for current and future water users and the environment**. (Indicator F.03.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Water stewardship plans	b. Consultation with water users	c. Implementation tracking
Anglo American	42%	🟡	🟡	🟠
AngloGold Ashanti	25%	🟠	🟠	🟠
Antofagasta	42%	🟡	🟡	🟠
Barrick	33%	🟡	🟡	🔴
BHP	50%	🟡	🟡	🟡
Boliden	0%	🔴	🔴	🔴
CODELCO	58%	🟢	🟡	🟠
Freeport-McMoRan	42%	🟡	🟡	🟠
Glencore	50%	🟡	🟡	🟡
Gold Fields	33%	🟡	🟠	🟠
MMG	50%	🟢	🟠	🟠
Newcrest	25%	🟡	🟠	🔴
Newmont	83%	🟢	🟡	🟢
Orano	33%	🟡	🟡	🔴
Rio Tinto	33%	🟡	🟠	🟠
Sibanye-Stillwater	17%	🟠	🔴	🟠
Teck	50%	🟡	🟡	🟡
Vale	17%	🟠	🟠	🔴

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Scoring scale: 0 0.5 1 2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Implement water stewardship practices that provide for strong and transparent water governance, effective and efficient management of water at operations, and collaboration with stakeholders at a catchment level to achieve responsible and sustainable water use. (Expectation 6.2)

RMI Framework:

- The company tracks, reviews and acts to **improve its performance on reducing its water consumption**. (Indicator F.03.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking and disclosure	b. Review of measures	c. Responsive actions taken
Anglo American	58%	🟢	🟡	🟠
AngloGold Ashanti	25%	🟡	🟠	🔴
Antofagasta	17%	🟡	🔴	🔴
Barrick	42%	🟢	🟠	🔴
BHP	42%	🟢	🟠	🔴
Boliden	17%	🟡	🔴	🔴
CODELCO	42%	🟢	🟠	🔴
Freeport-McMoRan	25%	🟡	🟠	🔴
Glencore	50%	🟡	🟡	🟡
Gold Fields	33%	🟢	🔴	🔴
MMG	33%	🟡	🟠	🟠
Newcrest	42%	🟡	🟡	🟠
Newmont	42%	🟢	🟠	🔴
Orano	50%	🟢	🟠	🟠
Rio Tinto	33%	🟢	🔴	🔴
Sibanye-Stillwater	17%	🟡	🔴	🔴
Teck	33%	🟡	🟠	🟠
Vale	50%	🟢	🟠	🟠

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Implement water stewardship practices that provide for strong and transparent water governance, effective and efficient management of water at operations, and collaboration with stakeholders at a catchment level to achieve responsible and sustainable water use. (Expectation 6.2)

RMI Framework:

- The company tracks, reviews and acts to **improve its performance on reducing its adverse impacts on water quality**. (Indicator F.03.3)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking and disclosure	b. Review of measures	c. Responsive actions taken
Anglo American	17%	🟠	🟠	🔴
AngloGold Ashanti	25%	🟡	🟠	🔴
Antofagasta	0%	🔴	🔴	🔴
Barrick	17%	🟠	🟠	🔴
BHP	25%	🟡	🟠	🔴
Boliden	17%	🟡	🔴	🔴
CODELCO	8%	🔴	🟠	🔴
Freeport-McMoRan	17%	🟠	🟠	🔴
Glencore	17%	🟠	🟠	🔴
Gold Fields	0%	🔴	🔴	🔴
MMG	17%	🟠	🟠	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	8%	🔴	🟠	🔴
Orano	0%	🔴	🔴	🔴
Rio Tinto	8%	🟠	🔴	🔴
Sibanye-Stillwater	17%	🟠	🟠	🔴
Teck	25%	🟠	🟠	🟠
Vale	8%	🟠	🔴	🔴

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Design, construct, operate, monitor and decommission tailings disposal/storage facilities using comprehensive, risk-based management and governance practices in line with internationally recognised good practice, to minimise the risk of catastrophic failure. (Expectation 6.3)

RMI Framework:

- Where applicable, the company publicly discloses information about the **location and safety of all its tailings storage facilities**. (Indicator F.02.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Number and location of tailings	b. Construction and consequence	c. Information on corporate website
Anglo American	100%	🟢	🟢	🟢
AngloGold Ashanti	100%	🟢	🟢	🟢
Antofagasta	100%	🟢	🟢	🟢
Barrick	100%	🟢	🟢	🟢
BHP	100%	🟢	🟢	🟢
Boliden	67%	🟢	🟡	🟡
CODELCO	50%	🟢	🟠	🟠
Freeport-McMoRan	100%	🟢	🟢	🟢
Glencore	100%	🟢	🟢	🟢
Gold Fields	100%	🟢	🟢	🟢
MMG	100%	🟢	🟢	🟢
Newcrest	50%	🟡	🟡	🟡
Newmont	100%	🟢	🟢	🟢
Orano	67%	🟢	🟡	🟡
Rio Tinto	100%	🟢	🟢	🟢
Sibanye-Stillwater	100%	🟢	🟢	🟢
Teck	100%	🟢	🟢	🟢
Vale	100%	🟢	🟢	🟢

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Scoring scale: 0 0.5 1 2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Design, construct, operate, monitor and decommission tailings disposal/storage facilities using comprehensive, risk-based management and governance practices in line with internationally recognised good practice, to minimise the risk of catastrophic failure. (Expectation 6.3)

RMI Framework:

- Where applicable, the company has systems in place to ensure its operations appoint a site-specific Responsible Tailings Facility Engineer and **regularly conduct independent reviews and/audits of the design, stability and integrity of their tailings** facilities. (Indicator F.02.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Accountable Executive Officer	b. Tailings Facility Engineer	c. Independent reviews of tailings
Anglo American	50%	yellow	yellow	yellow
AngloGold Ashanti	25%	red	orange	yellow
Antofagasta	17%	red	orange	orange
Barrick	17%	red	red	yellow
BHP	33%	red	yellow	yellow
Boliden	8%	red	red	orange
CODELCO	0%	red	red	red
Freeport-McMoRan	17%	red	red	yellow
Glencore	17%	red	orange	orange
Gold Fields	58%	yellow	orange	green
MMG	17%	red	orange	orange
Newcrest	17%	red	orange	orange
Newmont	67%	green	yellow	yellow
Orano	8%	red	red	orange
Rio Tinto	50%	red	yellow	green
Sibanye-Stillwater	42%	green	red	orange
Teck	75%	green	orange	green
Vale	42%	yellow	yellow	orange

Scoring scale: 0 (red) 0.5 (orange) 1 (yellow) 2 (green)

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Design, construct, operate, monitor and decommission tailings disposal/storage facilities using comprehensive, risk-based management and governance practices in line with internationally recognised good practice, to minimise the risk of catastrophic failure. (Expectation 6.3)

RMI Framework:

- Where applicable, the company tracks, reviews and acts to **improve its performance on addressing potential risks related to its tailings facilities**, including seepage and tailings dam failure. (Indicator F.02.3)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking and disclosure	b. 3rd party review of measures	c. Responsive actions taken
Anglo American	50%	🟡	🟡	🟡
AngloGold Ashanti	33%	🟡	🟠	🟠
Antofagasta	33%	🟡	🟡	🔴
Barrick	50%	🟡	🟡	🟡
BHP	50%	🟡	🟡	🟡
Boliden	0%	🔴	🔴	🔴
CODELCO	42%	🟡	🟡	🟠
Freeport-McMoRan	33%	🟡	🟠	🟠
Glencore	33%	🟡	🟠	🟠
Gold Fields	33%	🟡	🟠	🟠
MMG	33%	🟡	🟠	🟠
Newcrest	50%	🟡	🟡	🟡
Newmont	33%	🟡	🟠	🟠
Orano	8%	🔴	🟠	🔴
Rio Tinto	25%	🟠	🟠	🟠
Sibanye-Stillwater	33%	🟡	🟠	🟠
Teck	33%	🟡	🟠	🟠
Vale	25%	🟠	🟠	🟠

🔴 🟠 🟡 🟢
Scoring scale: 0   0.5   1   2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Apply the mitigation hierarchy to prevent pollution, manage releases and waste, and address potential impacts on human health and the environment. (Expectation 6.4)

RMI Framework:

- The company commits to **manage its environmental impacts systematically, through the mitigation hierarchy** approach. (Indicator F.01.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Formal commitment	b. Responsibility and accountability	c. Financial and staffing resources
Anglo American	**100%**	🟢	🟢	🟢
AngloGold Ashanti	**50%**	🟡	🟡	🟡
Antofagasta	**100%**	🟢	🟢	🟢
Barrick	**100%**	🟢	🟢	🟢
BHP	**100%**	🟢	🟢	🟢
Boliden	**17%**	🟡	🔴	🔴
CODELCO	**100%**	🟢	🟢	🟢
Freeport-McMoRan	**100%**	🟢	🟢	🟢
Glencore	**50%**	🟡	🟡	🟡
Gold Fields	**50%**	🟡	🟡	🟡
MMG	**33%**	🟡	🟡	🔴
Newcrest	**50%**	🟡	🟡	🟡
Newmont	**100%**	🟢	🟢	🟢
Orano	**50%**	🟡	🟡	🟡
Rio Tinto	**83%**	🟢	🟢	🟡
Sibanye-Stillwater	**50%**	🟡	🟡	🟡
Teck	**100%**	🟢	🟢	🟢
Vale	**83%**	🟢	🟢	🟡

Scoring scale: 🔴 0 🟡 0.5 🟡 1 🟢 2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Implement measures to improve energy efficiency and contribute to a low-carbon future, and report the outcomes based on internationally recognised protocols for measuring CO_2 equivalent (GHG) emissions. (Expectation 6.5)

RMI Framework:

- The company tracks, reviews and acts **to improve its performance on reducing its Scope 1, Scope 2, and Scope 3 greenhouse gas (GHG) emissions**. (Indicator F.06.3)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	33%	🟡	🟠	🟠
AngloGold Ashanti	33%	🟡	🟠	🟠
Antofagasta	33%	🟡	🟠	🟠
Barrick	42%	🟡	🟡	🟠
BHP	58%	🟢	🟡	🟡
Boliden	8%	🟠	🔴	🔴
CODELCO	25%	🟡	🟠	🔴
Freeport-McMoRan	33%	🟡	🟠	🟠
Glencore	50%	🟢	🟡	🔴
Gold Fields	42%	🟢	🟠	🔴
MMG	17%	🟠	🟠	🔴
Newcrest	42%	🟢	🟠	🔴
Newmont	58%	🟢	🟡	🟠
Orano	42%	🟡	🟡	🟠
Rio Tinto	50%	🟡	🟡	🟡
Sibanye-Stillwater	50%	🟢	🟠	🟠
Teck	58%	🟢	🟡	🟠
Vale	50%	🟢	🟠	🟠

Scoring scale: 🔴 🟡 🟡 🟢   0   0.5   1   2

ICMM Principle 6: Environmental Performance

ICMM Performance Expectation:

- Implement measures to improve energy efficiency and contribute to a low-carbon future, and report the outcomes based on internationally recognised protocols for measuring CO_2 equivalent (GHG) emissions. (Expectation 6.5)

RMI Framework:

- The company tracks, reviews and acts to **improve its performance on reducing energy consumption throughout its operations.** (Indicator F.06.4)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	67%	🟢	🟡	🟡
AngloGold Ashanti	33%	🟡	🟠	🟠
Antofagasta	25%	🟡	🟠	🔴
Barrick	25%	🟡	🟠	🔴
BHP	17%	🟡	🔴	🔴
Boliden	17%	🟡	🔴	🔴
CODELCO	25%	🟡	🟠	🔴
Freeport-McMoRan	17%	🟡	🔴	🔴
Glencore	33%	🟡	🟡	🔴
Gold Fields	50%	🟢	🟡	🔴
MMG	25%	🟡	🟠	🔴
Newcrest	17%	🟡	🔴	🔴
Newmont	25%	🟡	🟠	🔴
Orano	42%	🟡	🟡	🟠
Rio Tinto	33%	🟡	🟠	🟠
Sibanye-Stillwater	25%	🟡	🟠	🔴
Teck	58%	🟢	🟡	🟠
Vale	25%	🟡	🟠	🔴

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 7: Conservation of Biodiversity

ICMM Performance Expectation:

- Neither explore nor develop new mines in World Heritage sites, respect legally designated protected areas, and design and operate any new operations or changes to existing operations to be compatible with the value for which such areas were designated. (Expectation 7.1)

RMI Framework:

- The company **commits to not explore or mine in World Heritage Sites**, **respect other protected areas**, and to not use practices that would threaten freshwater, marine, and deep-sea habitats. (Indicator F.05.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Not explore or mine in World Heritage Sites
Anglo American	**50%**	🟢
AngloGold Ashanti	**42%**	🟢
Antofagasta	**33%**	🟢
Barrick	**33%**	🟢
BHP	**67%**	🟢
Boliden	**8%**	🟠
CODELCO	**17%**	🟡
Freeport-McMoRan	**33%**	🟢
Glencore	**33%**	🟢
Gold Fields	**33%**	🟢
MMG	**42%**	🟢
Newcrest	**33%**	🟢
Newmont	**42%**	🟢
Orano	**33%**	🟢
Rio Tinto	**17%**	🟠
Sibanye-Stillwater	**33%**	🟢
Teck	**42%**	🟢
Vale	**33%**	🟢

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

ICMM Principle 7: Conservation of Biodiversity

ICMM Performance Expectation:

▪ Assess and address risks and impacts to biodiversity and ecosystem services by implementing the mitigation hierarchy, with the ambition of achieving no-net-loss of biodiversity. (Expectation 7.2)

RMI Framework:

▪ The company tracks, reviews and acts to **improve its performance on protecting mining-affected biodiversity and ecosystems**. (Indicator F.05.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	**50%**	🟢	🟠	🟠
AngloGold Ashanti	**50%**	🟢	🟠	🟠
Antofagasta	**8%**	🟠	🔴	🔴
Barrick	**8%**	🟠	🔴	🔴
BHP	**50%**	🟢	🟡	🔴
Boliden	**17%**	🟡	🔴	🔴
CODELCO	**25%**	🟡	🟠	🔴
Freeport-McMoRan	**33%**	🟡	🟠	🟠
Glencore	**17%**	🟠	🟠	🔴
Gold Fields	**50%**	🟢	🟠	🟠
MMG	**8%**	🟠	🔴	🔴
Newcrest	**33%**	🟢	🔴	🔴
Newmont	**67%**	🟢	🟡	🟡
Orano	**8%**	🟠	🔴	🔴
Rio Tinto	**67%**	🟢	🟡	🟡
Sibanye-Stillwater	**8%**	🟠	🔴	🔴
Teck	**58%**	🟢	🟡	🟠
Vale	**33%**	🟢	🔴	🔴

Scoring scale: 🔴 🟠 🟡 🟢
0   0.5   1   2

ICMM Principle 8: Responsible Production

ICMM Performance Expectation:

▪ In project design, operation and de-commissioning, implement cost-effective measures for the recovery, re-use or recycling of energy, natural resources, and materials. (Expectation 8.1)

RMI Framework:

▪ The company tracks, reviews and acts to improve its performance on materials management **to optimise re-use, repair, and recycling of goods** used in their operations. (Indicator C.04.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	8%	🟠	🔴	🔴
AngloGold Ashanti	8%	🟠	🔴	🔴
Antofagasta	8%	🟠	🔴	🔴
Barrick	8%	🟠	🔴	🔴
BHP	0%	🔴	🔴	🔴
Boliden	8%	🟠	🔴	🔴
CODELCO	17%	🟠	🟠	🔴
Freeport-McMoRan	17%	🟡	🔴	🔴
Glencore	17%	🟡	🔴	🔴
Gold Fields	17%	🟡	🔴	🔴
MMG	8%	🟠	🔴	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	0%	🔴	🔴	🔴
Orano	17%	🟡	🔴	🔴
Rio Tinto	8%	🟠	🔴	🔴
Sibanye-Stillwater	17%	🟠	🟠	🔴
Teck	33%	🟡	🟠	🟠
Vale	17%	🟡	🔴	🔴

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2

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ICMM Principle 9: Social Performance

ICMM Performance Expectation:

- Enable access by local enterprises to procurement and contracting opportunities across the project life-cycle, both directly and by encouraging larger contractors and suppliers, and also by supporting initiatives to enhance economic opportunities for local communities. (Expectation 9.2)

RMI Framework:

- The company has systems in place to ensure its operations **encourage local entrepreneurship and support local business development**, including for women. (Indicator D.04.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Systems in place	b. Inclusion of women	c. Implementation tracking
Anglo American	83%	🟢	🟡	🟢
AngloGold Ashanti	42%	🟢	🟠	🔴
Antofagasta	17%	🟡	🔴	🔴
Barrick	25%	🟠	🟠	🟠
BHP	33%	🟡	🟠	🟠
Boliden	0%	🔴	🔴	🔴
CODELCO	8%	🟠	🔴	🔴
Freeport-McMoRan	50%	🟡	🟡	🟡
Glencore	25%	🟡	🔴	🟠
Gold Fields	17%	🟠	🔴	🟠
MMG	25%	🟡	🔴	🟠
Newcrest	25%	🟠	🟠	🟠
Newmont	50%	🟡	🟡	🟡
Orano	17%	🟠	🔴	🟠
Rio Tinto	17%	🟠	🟠	🔴
Sibanye-Stillwater	33%	🟡	🟠	🟠
Teck	25%	🟠	🟠	🟠
Vale	33%	🟡	🟠	🟠

🔴 🟠 🟡 🟢
Scoring scale: 0   0.5   1   2

ICMM Principle 9: Social Performance

ICMM Performance Expectation:

- Enable access by local enterprises to procurement and contracting opportunities across the project life-cycle, both directly and by encouraging larger contractors and suppliers, and also by supporting initiatives to enhance economic opportunities for local communities. (Expectation 9.2)

RMI Framework:

- The company has systems in place to ensure its operations **develop local procurement opportunities**, including for women. (Indicator D.04.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Systems in place	b. Inclusion of women	c. Implementation tracking
Anglo American	50%	green	yellow	red
AngloGold Ashanti	50%	green	orange	orange
Antofagasta	25%	yellow	red	orange
Barrick	17%	yellow	red	red
BHP	25%	yellow	red	orange
Boliden	0%	red	red	red
CODELCO	33%	green	red	red
Freeport-McMoRan	25%	orange	orange	orange
Glencore	17%	yellow	red	red
Gold Fields	17%	yellow	red	red
MMG	25%	yellow	red	orange
Newcrest	25%	orange	orange	orange
Newmont	83%	green	yellow	green
Orano	17%	orange	red	orange
Rio Tinto	33%	yellow	orange	orange
Sibanye-Stillwater	33%	yellow	orange	orange
Teck	0%	red	red	red
Vale	25%	yellow	red	orange

Scoring scale: 0 (red) 0.5 (orange) 1 (yellow) 2 (green)

ICMM Principle 9: Social Performance

ICMM Performance Expectation:

- Conduct stakeholder engagement based upon an analysis of the local context and provide local stakeholders with access to effective mechanisms for seeking resolution of grievances related to the company and its activities. (Expectation 9.3)

RMI Framework:

- The company tracks, reviews and acts to **improve the quality of its relationships with affected communities**. (Indicator D.03.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	25%	🟠	🟠	🟠
AngloGold Ashanti	0%	🔴	🔴	🔴
Antofagasta	17%	🔴	🟡	🔴
Barrick	0%	🔴	🔴	🔴
BHP	17%	🟠	🟠	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	42%	🟠	🟡	🟡
Freeport-McMoRan	0%	🔴	🔴	🔴
Glencore	8%	🟠	🔴	🔴
Gold Fields	33%	🟡	🟠	🟠
MMG	42%	🟠	🟡	🟡
Newcrest	0%	🔴	🔴	🔴
Newmont	25%	🟠	🟠	🟠
Orano	8%	🟠	🔴	🔴
Rio Tinto	0%	🔴	🔴	🔴
Sibanye-Stillwater	17%	🟠	🔴	🟠
Teck	25%	🟠	🟠	🟠
Vale	0%	🔴	🔴	🔴

🔴 🟠 🟡 🟢
Scoring scale: 0 0.5 1 2

ICMM Principle 9: Social Performance

ICMM Performance Expectation:

- Conduct stakeholder engagement based upon an analysis of the local context and provide local stakeholders with access to effective mechanisms for seeking resolution of grievances related to the company and its activities. (Expectation 9.3)

RMI Framework:

- The company tracks, reviews and acts to **improve the effectiveness of its grievance mechanisms for communities**. (Indicator D.12.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Tracking data	b. Effectiveness reviews/audits	c. Responsive action to improve
Anglo American	25%	🟡	🟠	🔴
AngloGold Ashanti	17%	🟠	🟠	🔴
Antofagasta	33%	🔴	🟡	🟡
Barrick	42%	🟡	🟡	🟠
BHP	25%	🟡	🟠	🔴
Boliden	0%	🔴	🔴	🔴
CODELCO	25%	🟠	🟠	🟠
Freeport-McMoRan	50%	🟡	🟡	🟡
Glencore	50%	🟡	🟡	🟡
Gold Fields	25%	🟡	🟠	🔴
MMG	42%	🟡	🟡	🟠
Newcrest	17%	🟡	🔴	🔴
Newmont	17%	🟡	🔴	🔴
Orano	0%	🔴	🔴	🔴
Rio Tinto	8%	🟠	🔴	🔴
Sibanye-Stillwater	8%	🟠	🔴	🔴
Teck	33%	🟡	🟠	🟠
Vale	25%	🟡	🟠	🔴

Scoring scale: 0 0.5 1 2

ICMM Principle 9: Social Performance

ICMM Performance Expectation:

- Collaborate with government, where appropriate, to support improvements in environmental and social practices of local Artisanal and Small-scale Mining (ASM). (Expectation 9.4)

RMI Framework:

- Where applicable, the company has systems in place to ensure its operations develop opportunities to **support technical assistance programmes and/or alternative livelihood programmes for ASM miners** in and around their operations. (Indicator D.11.2)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Assessment of needs	b. Development of plans	c. Engagement with ASM miners
Anglo American	100%	🟢	🟢	🟢
AngloGold Ashanti	50%	🟠	🟢	🟠
Antofagasta	0%	🔴	🔴	🔴
Barrick	17%	🔴	🟠	🟠
BHP	EX	🔵	🔵	🔵
Boliden	EX	🔵	🔵	🔵
CODELCO	0%	🔴	🔴	🔴
Freeport-McMoRan	8%	🔴	🟠	🔴
Glencore	25%	🟠	🟠	🟠
Gold Fields	25%	🟠	🟠	🟠
MMG	0%	🔴	🔴	🔴
Newcrest	0%	🔴	🔴	🔴
Newmont	25%	🟠	🟠	🟠
Orano	0%	🔴	🔴	🔴
Rio Tinto	EX	🔵	🔵	🔵
Sibanye-Stillwater	0%	🔴	🔴	🔴
Teck	25%	🟠	🟠	🟠
Vale	0%	🔴	🔴	🔴

Scoring scale: 🔴 0 🟠 0.5 🟡 1 🟢 2
🔵 *Exception*

ICMM Principle 10: Stakeholder Engagement

ICMM Performance Expectation:

- Publicly support the implementation of the Extractive Industries Transparency Initiative (EITI) and compile information on all material payments, at the appropriate levels of government, by country and by project (Expectation 10.2)

RMI Framework:

- The company publicly **discloses all payments** it makes to sub-national and national governments, providing **disaggregated data on a project-level basis**. (Indicator B.06.1)

RESULTS for ICMM member companies in RMI Report 2022:

Company	Score	a. Public disclosure	b. Freely available on website	c. Yearly update
Anglo American	**100%**	🟢	🟢	🟢
AngloGold Ashanti	**25%**	🟠	🟠	🟠
Antofagasta	**100%**	🟢	🟢	🟢
Barrick	**100%**	🟢	🟢	🟢
BHP	**100%**	🟢	🟢	🟢
Boliden	**25%**	🟠	🟠	🟠
CODELCO	**25%**	🟠	🟠	🟠
Freeport-McMoRan	**25%**	🟠	🟠	🟠
Glencore	**100%**	🟢	🟢	🟢
Gold Fields	**50%**	🟡	🟡	🟡
MMG	**50%**	🟡	🟡	🟡
Newcrest	**50%**	🟡	🟡	🟡
Newmont	**83%**	🟢	🟢	🟡
Orano	**100%**	🟢	🟢	🟢
Rio Tinto	**100%**	🟢	🟢	🟢
Sibanye-Stillwater	**50%**	🟡	🟡	🟡
Teck	**100%**	🟢	🟢	🟢
Vale	**25%**	🟠	🟠	🟠

🔴 🟠 🟡 🟢
Scoring scale: 0 0.5 1 2

Responsible Mining Foundation

The Foundation supports the principle that minerals and metals mining should benefit the economies, improve the lives of peoples and respect the environments of producing countries, while also benefiting mining companies in a fair and viable way.

The Foundation's work and research reflect what society at large can reasonably expect from mining companies on economic, environmental, social and governance matters.

www.responsibleminingfoundation.org

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